Global Air Transportation Execution System (GATES) Product Improvement and Maintenance

Interface Design Description for the Transportation Coordinator's-Automated Information for Movement System II (TC-AIMS II) Interface EU*-IDDTCAIMSII-02.03

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1. SCOPE

.1. Identification

This Interface Design Description (IDD) Document EU*-IDDTCAIMS II-02.03 Contract Data Requirements List (CDRL) number A049, specifies the external interface design for the Global Air Transportation Execution System (GATES) Build 2 and the Transportation Coordinator's-Automated Information for Movement System II (TC-AIMS II). This document is provided under Contract Number DCA 100-96-D-0051, Task Order 0142.

.2. System Overview

GATES is being developed by Computer Sciences Corporation (CSC) and its subcontractors for the United States Air Force (USAF) Air Mobility Command (AMC) Computer Systems Squadron (CSS). The purpose of GATES is to replace the legacy systems that support the AMC transportation mission with a modernized, fully-integrated, and significantly enhanced global transportation system using an open systems infrastructure and shared, relational database that enable new requirements to be easily incorporated in the future.

GATES provides AMC, the Department of Defense (DoD), and commercial partners with automated functionality to process and track cargo and passenger information, support management of resources, support scheduling and forecasting, provide logistical support information, generate standard and ad hoc reports, and provide message routing and delivery service for virtually all airlift data. Intended users of GATES include, but are not limited to, Headquarters (HQ) AMC, AMC Logistics Operations Branch, Tanker Airlift Control Center (TACC), Airlift Clearance Authorities (ACAs), Service Airlift Validators, Passenger Reservation Centers (PRCs), Military Transportation Offices (MTOs), commercial reservation systems users, and various work centers such as the Air Terminal Operations Center (ATOC). Planned GATES operation sites are HQ AMC and the aerial ports (e.g., Travis Air Force Base [AFB], CA; Dover AFB, DE).

At the beginning of the GATES program, the developer interviewed functional users, at both HQ AMC and at the various aerial ports, and analyzed existing legacy systems. Applying the information gathered during the on-site interview, problem domain learning process, the developer built an object-oriented (OO) model depicting requirements. Data from the model served as the basis for development of software and system requirements documents. In accordance with DOD Standard 2167A, Software Development and Documentation (DOD-STD-2167A), the developer created requirements, design, testing, and user documentation for the five Computer Software Configuration Items (CSCIs). This suite of documentation served as the foundation for the Build 1 development. Military Standard 498, Software Development and Documentation (MIL-STD-498), superseded DOD-STD-2167A and current and future documentation is being developed in accordance with MIL-STD-498. Build 1 development was completed in November of 1997 and is now operational.

Development of Build 2 began with the scheduling and execution of a series of Joint Application Development (JAD) sessions to develop new functional and system requirements. This IDD is one of several that document the design of the interfaces to external systems.

GATES must interface with a number of external systems. These external systems provide a variety of information needed by the users of the system to accomplish their assigned tasks. This information includes: cargo and passenger movement status, cargo and passenger movement history, passenger reservations, movement and capability forecasting, cargo advance processing, billing and tariff information, and mission schedule information.

TC-AIMS II is a top-down directed program that hopes to address critical shortfalls in moving cargo and people in support of the DoD mission. As a combat support system, TC-AIMS II will automate and streamline base-level cargo movement processes during peacetime and deployment cargo and passenger movements during contingencies. TC-AIMS II will provide an integrated transportation capability in routine, deployment, and sustainment operations by employing the same DoD and Service shipment policies and procedures in peace and war. The system will access commercial carrier tenders through Electronic Data Interchange to gain the most competitive rates and transmit bill of lading data for auditing and payment by the DoD finance system. Cargo movement will be electronically reported to the destination and appropriate command/control agencies. The electronic reporting of cargo movement makes TC-AIMS II a vital component of the logistics community's effort to provide intransit visibility. This includes the receipt, processing, and time-sensitive movement and tracking of critical weapon system parts.

.3. Document Overview

This document is developed in accordance with MIL-STD-498.

Section 1 provides the identification and overview of this document and GATES. Section 2 provides a list of referenced documents. Section 3 identifies the data fields that are passed between the systems, the record layouts, sample data, expected interface volume and frequency, priority, and security. Section 4 describes the qualification provisions. Section 5 provides information about the traceability of interface requirements into the design. Section 6 contains an acronym and abbreviation list. Section 7 identifies where procedures required to modify the external interface can be found. Appendix A provides the Transportation Control Number (TCN) edits.

2. REFERENCED DOCUMENTS

Documents and manuals referenced in this IDD are listed below. If a government document is not available through government stocking for the Office of Primary Responsibility, a source from which the document may be obtained is identified. All vendor-referenced documents are available through the vendor.

a. DOD 4500.32R, Military Standard Transportation and Movement Procedures (MILSTAMP), Volume 1, Change 6, 15 May 1995

b. Military Standard, Software Development and Documentation (MIL-STD-498), 5 December 1994

c. EU*-STP-02.02, Software Test Plan for the Global Air Transportation Execution System, 31 July 1998, Final

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3. INTERFACE DESIGN

.1. GATES—TC-AIMS II Interface (EU*-EID-029)

The first phase of this interface consists of TC-AIMS II providing Cargo Air and Surface Manifest files and Passenger List files to GATES for in-processing.

Subsequent paragraphs describe the realization of the GATES–TC-AIMS II interface in terms of hardware, communications protocols, network connections, and file format and contents.

The data flow for the GATES-TC-AIMS II interface is shown in Figure 3.1-1.

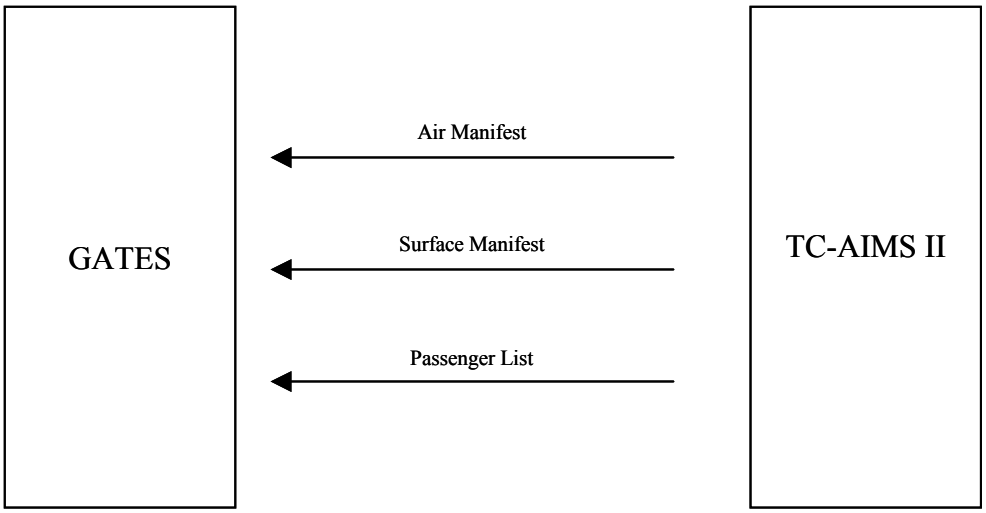

Figure 3.1-1. GATES–TC-AIMS II Interface

The GATES Central Server is located in Building 1575, Consolidated Computer Facility (CCF), Scott AFB, Illinois. The GATES system operates on Sun hardware platforms connected to a dedicated local area network (LAN). GATES clients are PCs running Microsoft Windows 98, NT, or 2000. TC-AIMS II will be located at multiple sites worldwide. It operates on Microsoft Windows NT compatible platforms. TC-AIMS II will produce a file. That file must be transported to a GATES client at the destination. The file will normally be on a 3.5” floppy disk, but may be stored on a hard drive or network drive accessible to the GATES client. The file must be processed into GATES via one of the Disk Input windows.

.2. GATES-TC-AIMS II Files

As part of its processing, TC-AIMS II will produce American Standard Code for Information Interchange (ASCII) files. These files are defined in paragraph 3.3. These files will consist of one or more data records. Individual records within the file will be separated by a single ASCII new line character.

At the most basic level, the information sent between the GATES and TC-AIMS II systems may be described in terms of data fields. All fields are uniquely named with respect to one another and are transported between GATES and TC-AIMS II as strings of ASCII characters. Associated with each field is a description, size (e.g., length in characters), set of legal checks (e.g., the set of ASCII characters that may comprise a legal value of the data element), limits/range (e.g., list of allowed values), and a comment. The possible legal checks that a given field may have are described in Table 3.2-1. The fields sent across the GATES—TC-AIMS II interface is described in later paragraphs.

Table 3.2-1. Legal Checks Legend

Legality Checks	Character Set
A	Alphabet (A-Z)
B	Blank / Spaces
N	Numerals (0-9)
S	Special characters (printable only; comments will contain any specific restrictions)
X	Numerals (0-9) or Alphabet (A-Z)

The tables in the following paragraphs present the message format for interfaces, and contain data items with the following conventions, with column names in parenthesis:

Message Name -- The name of the incoming/outgoing message.

Record Name -- The name of the record inside the message.

Field Name (Field Name) -- Name of the data field within the record.

Record Positions (Pos) -- Starting and ending position of the data field in the record.

Field Length (Len) -- The total number of characters in the string, including spaces.

Edit Checks (Chks) -- Lists the abbreviations for the legality checks that are applied to the field.

Category (Cat) -- Values are:

C -- Conditional, included if certain conditions apply;

M -- Mandatory, must be included in message;

O -- Optional, included at user discretion.

Limits/Range (L/R) -- Lists a specific range or set of values allowed in the field.

Comments/Explanation/Algorithm (Comments/Explanation/Algorithm) -- This paragraph provides a narrative on the field's properties or directions for completing the message, and is used to indicate restricted domains (e.g., ranges), table match validations, and other items. It also provides a brief description of the algorithm used to convert the data where appropriate.

.3. GATES–TC-AIMS II File Descriptions - Incoming

Each diskette may contain multiple files, but each file may contain only one manifest.

.1. File Naming Conventions

No specific file naming convention is required. The GATES client user must select the appropriate file for in-processing.

.2. File Location

Files must be in a location accessible to the GATES client. This may be a 3.5" floppy disk in the appropriate client drive, or some other hard drive to which the client has access.

.3. Record Descriptions

.1. Manifest Message (EU*-EID-029-02)

The Manifest Message will consist of either a Surface (Truck) or Air Manifest in MILSTAMP format. TC-AIMS II will produce a file for each manifest. Table 3.3.3.1-1 identifies the records that may be contained within a Manifest Message and the type of information contained within each type of record. Refer to MILSTAMP Vol. 1, Appendix D, Figure D-2, for information about the required data.

Table 3.3.3.1-1. Manifest Records

Record	Name
TAA	Air Manifest Header Record
TAT	Surface Manifest Header Record
TAB	Pallet Header Record
T_A	Prime Data Record for Single Shipment Units
T_D	Prime Data Record for Palletized Shipment Units
T_E	Trailer Data for Outsized Dimensions Record

Table 3.3.3.1-1. Manifest Records

Record	Name
T_F	Trailer Data for Ammunition Round Count, Hazardous Material, Stock Number, and International Munitions Compatibility Office (IMCO) Classification Record
T_G	Trailer Data for Net Explosive Weight (NEW) and Lot Number Record
T_H	Trailer Data for Household Goods and Baggage Ownership Data (not used in this interface)
T_I	Trailer Data for General Miscellaneous Information not Otherwise Detailed Record

.1. Air Manifest Header TAA Record Format

Table 3.3.3.1.1-1 provides the format of the Air Manifest Header TAA record. Sample data and database mappings are provided in Table 3.3.3.1.1-2.

Table 3.3.3.1.1-1. Air Manifest Header TAA Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
Document Identification Code	1-3	3	A	M	TAA	Always "TAA".
Carrier Code	4-8	5	X	M		Carrier Abbreviation; e.g., AMC, etc; zero filled.
Aircraft Tail Number	9-14	6	XB	M		Aircraft tail number, left justified, blank fill as necessary.
Departure Hour/Day Code	15-17	3	X	M	A-Z except I, O 00-99	Departure Hour/Day Code where the first position contains the GMT hour alphabetic code. See MILSTAMP Vol. 1, Appendix F-7. The last two positions contain the last two digits of the Julian date (i.e., 0530 on day 274 appears as "F74").
Aircraft Model	18-21	4	XB	O		4-character aircraft model and series number, e.g. 141B. Valid values available from Table Management Distribution System (TMDS). May be blank.
Filler	22-23	2	B	M		Always blank.
Port Of Debarkation (APOD) Air Terminal Code	24-26	3	X	M		Air Port Of Debarkation, which is the manifest destination.
Mode Code	27	1	A	M		See MILSTAMP Vol. 1, Appendix F-13.
Manifest Reference Code	28-29	2	A	M		Manifest reference code, where the codes are created alphabetically but exclude the letters I and O and wrap around repeatedly starting with AA and continuing through ZZ before returning to AA again (i.e., "AA", "AB", ... "AH", "AJ", ..., "AN", "AP", ..., "AZ", "BA", ..., "HZ", "JA", ..., "NZ", "PA", ..., "ZZ", "AA", ...). See MILSTAMP Vol. 1, Appendix F1.
Destination Airport (APOD) Name	30-44	15	BSX	O		The in-the-clear name of the destination airport, which matches the APOD air terminal code. This field varies from the MILSTAMP definition in that special characters appear in this field. May be blank.
Hour/Day Code	45-47	3	B	O		Always blanks.
Mission Number	48-59	12	X	M		The leg mission number assigned by aircraft controlling agency and Julian date (i.e., "FMX0015FM270"), where the first nine positions must be alphanumeric with no spaces, and the last three positions must be numeric to contain the Julian date.

Table 3.3.3.1.1-1. Air Manifest Header TAA Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
Manifest Port of Embarkation (APOE) Air Terminal Code	60-62	3	X	M		MILSTAMP Aerial Port Code for the Air Port Of Embarkation, which is the manifesting station and where the flight begins.
Fiscal Year (Last Digit)	63	1	N	M	0-9	Last digit only of the government fiscal year.
Type Manifest	64	1	A	M	C, M	"C" = General Cargo; "M" = Mail
Manifest Number	65-69	5	N	M	00000-99999	Manifest number, which corresponds to the manifest reference code (i.e., "AA"="00001", "AB"="00002", etc.). If the value is less than the length, then it is left zero filled.
Gross Weight (lbs.)	70-75	6	N	M	000000 - 999999	Total gross weight in pounds, and is the sum of the weights of all shipments on this manifest, as given by the associated TXA records. If the value is less than the length, then it is left zero filled. If the weight is greater than the maximum value, then See MILSTAMP Vol. 1, Chapter 2, paragraph B.1.b(7)(d).
Cargo Cube	76-80	5	N	M	00000 - 99999	Total volume in cubic feet, and is the sum of the cubes of all shipments on this manifest, as given by the associated TXA records. If the value is less than the length, then it is left zero filled. If the cube is greater than the maximum value, then See MILSTAMP Vol. 1, Chapter 2, paragraph B.1.b(7)(d).

Table 3.3.3.1-2. Air Manifest Header TAA Sample Data

Field Name	Pos	Sample Data	Database Table Mapping
Document Identification Code	1-3	TAA	
Carrier Code	4-8	00AMC	amnfst_evt.ac_opr_cd
Aircraft Tail Number	9-14	080043	amnfst_evt.ac_tail_num_id
Departure Hour/Day Code	15-17	A49	
Aircraft Model	18-21	1350	Convert to amnfst_evt.ac_mds_id
Filler	22-23		
Port of Debarkation (APOD) Air Terminal Code	24-26	OKO	amnfst.amnfst_apod
Mode Code	27	F	amnfst_evt.shpmt_mthd_cd
Manifest Reference Code	28-29	ZM	amnfst.amnfst_ref_cd
Destination Airport (APOD) Name	30-44	YOKOTA AFB, JA	
Hour/Day Code	45-47		
Mission Number	48-59	JBC830700348	amnfst.apoe_atm_id
Manifest Port of Embarkation (APOE) Air Terminal Code	60-62	EDF	amnfst.amnfst_apc
Fiscal Year (Last Digit)	63	0	amnfst.amnfst_fy_id
Type Manifest	64	C	amnfst.mnfst_ty_cd
Manifest Number	65-69	00564	amnfst.amnfst_id
Gross Weight (lbs.)	70-75	000177	amnfst_evt.amnfst_evt_tot_net_wt
Cargo Cube	76-80	00022	amnfst_evt.amnfst_evt_tot_vol

.2. Surface Manifest Header TAT Record Format

Table 3.3.3.1.2-1 provides the format of the Surface Manifest Header TAT record. Sample data and database mappings are provided in Table 3.3.3.1.2-2.

Table 3.3.3.1.2-1. Surface Manifest Header TAT Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm

Table 3.3.3.1.2-1. Surface Manifest Header TAT Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
Document Identification Code	1-3	3	A	M	TAT	Always "TAT".
Carrier Code	4-8	5	X	M		Carrier Abbreviation
Truck Serial Number	9-17	9	XSB	M		Truck Serial Number, blank if not known. Blank fill as necessary.
Departure Hour/Day Code	18-20	3	X	M	A-Z except I, O 00-99	Departure Hour/Day Code where the first position contains the GMT hour alphabetic code. See MILSTAMP Vol. 1, Appendix F-7. The last two positions contain the last two digits of the Julian date (i.e., 0530 on day 274 appears as "F74").
Mode Code	21	1	A	M		See MILSTAMP Vol. 1, Appendix F-13.
Manifest Reference Code	22-23	2	X	M		Manifest reference code that corresponds to the Manifest number. The first character is 0-9 and A-Z, expect I and O. Second character is only 0-9 (i.e., "01"="00001", "02"="00002", "A1" = "00100", etc.)
Consignee DODAAC	24-29	6	X	M		DODAAC of the ultimate destination of the cargo.
Clear Text Destination	30-51	22	ASB	M		Clear text destination of the cargo; dash allowed.
Manifest Port of Embarkation (APOE) Air Terminal Code	52-54	3	X	M		MILSTAMP Aerial Port Code for the Air Port Of Embarkation, which is the manifesting station and where the flight begins.
Fiscal Year (Last Digit)	55	1	N	M	0-9	Last digit only of the government fiscal year.
Type Manifest	56	1	A	M	C, M	"C" = General Cargo; "M" = Mail
Manifest Number	57-61	5	N	M	00000-99999	Manifest number. . If the value is less than the length, then it is left zero filled.
Gross Weight (lbs.)	62-67	6	N	M	000000 - 999999	Total gross weight in pounds, and is the sum of the weights of all shipments on this manifest, as given by the associated TXA records. If the value is less than the length, then it is left zero filled. If the weight is greater than the maximum value, then See MILSTAMP Vol. 1, Chapter 2, paragraph B.1.b(7)(d).
Cargo Cube	68-72	5	N	M	00000 - 99999	Total volume in cubic feet, and is the sum of the cubes of all shipments on this manifest, as given by the associated TXA records. If the value is less than the length, then it is left zero filled. If the cube is greater than the maximum value, then See MILSTAMP Vol. 1, Chapter 2, paragraph B.1.b(7)(d).
GBL Number	73-80	8	XB	O		GBL number, blank if not available.

Table 3.3.3.1.2-2. Surface Manifest Header TAT Sample Data

Field Name	Pos	Sample Data	Database Table Mapping
Document Identification Code	1-3	TAT	
Carrier Code	4-8	GOVTK	smsn.smsn_mnfst_car
Truck Serial Number	9-17	GT1234567	smsn.smsn_id
Departure Hour/Day Code	18-21	A49	smnfst_evt.smnfst_evt_dt
Mode Code	21	S	smnfst_evt.shpmt.mthd_cd
Manifest Reference Code	22-23	E9	smnfst.smnfst_ref_cd
Consignee DODAAC	24-29	FB4484	smsn_stop.dodaac
Clear Text Destination	30-51	DOVER AFB	
Manifest Port of Embarkation (APOE) Air Terminal Code	52-54	CHS	smnfst.smnfst_apc
Fiscal Year (Last Digit)	55	0	smnfst.smnfst_fy_id
Type Manifest	56	T	smsn_stop.mnfst_ty_cd
Manifest Number	57-61	00144	smnfst.smnfst_id

Table 3.3.3.1.2-2. Surface Manifest Header TAT Sample Data

Field Name	Pos	Sample Data	Database Table Mapping
Gross Weight (lbs.)	62-67	012350	smnfst_evt.smnfst_evt_tot_wt
Cargo Cube	68-72	00213	smnfst_evt.smnfst_evt_tot_vl
GBL Number	73-80		Literal

.3. Pallet Header TAB Record Format

Table 3.3.3.1.3-1 provides the format of the Pallet Header TAB record. Sample data and database mappings are provided in Table 3.3.3.1.3-2.

Table 3.3.3.1.3-1. Pallet Header TAB Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
Document Identification Code	1-3	3	X	M	TAB	Always TAB
Pallet ID	4-5	2	X	M		Positions 4 and 5 of the Pallet ID.
Oldest SET Date	6-8	3	X	M	A-Z, except I, O & 00-99	Three character hour/day where record position 6 is the letter indicating the GMT hour (Zulu time). Record positions 7-8 are the last two digits of the (Julian) day of the year. See MILSTAMP Vol. 1, Appendix F7. Oldest SET date of the cargo on the pallet.
Grid Location	9-12	4	B	O		Always blank.
Filler	13-14	2	B	O		Always blanks.
Lift Date	15-17	3	X	M	A-Z (except I, O), 00-99	Lift date from APOE. Three character hour/day where record position 15 is the letter indicating the GMT hour (Zulu) time). Record positions 16-17 are the last two digits of the applicable (Julian) day of the year. See MILSTAMP Vol. 1, Appendix F7.
Filler	18-19	2	B	O		Always blanks.
Air Dimension Code	20	1	A	M	A, C, D, Z	Enter a code from MILSTAMP Vol. 1, Appendix F3.
Air Terminal Identifier Code (APOE)	21-23	3	X	M		Enter the appropriate aerial port identifier code from MILSTAMP Vol. 1, Appendix F4.
Air Terminal Identifier Code (APOD)	24-26	3	X	M		Enter the appropriate aerial port identifier code from MILSTAMP Vol. 1, Appendix F4.
Transportation Mode/Method Codes	27	1	X	M	A-Z, 2-9	Enter the mode/method code from MILSTAMP Vol. 1, Appendix F13.
Manifest Reference Code	28-29	2	AB	M		Enter the manifest reference code from MILSTAMP Vol. 1, Appendix F1.
Buildup Activity	30-35	6	XB	O		DODAAC of the build location; blanks if not known.
Pallet Build Date	36-39	4	NB	O		Last digit of the calendar year followed by the 3-digit Julian Date. May be blank.
Module Type	40	1	A	M		Module Type Code.
Load Id	41-43	3	X	M		Serial number of pallet.
Configuration Code	44-45	2	X	M		Pallet Configuration Code.
Cargo Type	46	1	X	M		
Consignee DODAAC	47-52	6	X	M		DODAAC of the destination of the pallet.
Priority	53	1	N	M	1-4	Transportation Priority Code
Special Priority	54	1	XB	O		Special Priority Code. Leave blank when not applicable.
Module Height	55-57	3	N	M		Height of the pallet in inches.
Center of Balance	58-60	3	N	M		Center of balance of the item in inches from the front.
Tiedown	61	1	A	M		Indicates type of tiedown for this pallet.
Equivalent Pallet Positions	62-63	2	N	M		Equivalent pallet positions in tenths (assumed decimal place).
Overhang Direction	64	1	AB	O	“A”, “F”, “B”, blank	A = Aft, F = Fore, B = Both, blank = none.

Table 3.3.3.1.3-1. Pallet Header TAB Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
Personal Property Code	65	1	AB	O		Indicates type of personal property. Blank if not personal property.
Protected Cargo Code	66	1	A	M		Not processed by GATES.
Pallet ID Last	67	1	AB	O		May be blank.
Pieces	68-71	4	X	M		Number of Shipment Units on the pallet, zero-filled as necessary. If the pieces is greater than the maximum value, then See MILSTAMP Vol. 1, Chapter 2, paragraph B.1.b(7)(d).
Weight	72-76	5	X	M		Net weight of the Shipment Units on the pallet, zero-filled as necessary. If the weight is greater than the maximum value, then See MILSTAMP Vol. 1, Chapter 2, paragraph B.1.b(7)(d).
Cube	77-80	4	X	M		Total Cube of the Shipment Units on the pallet, zero-filled as necessary. If the cube is greater than the maximum value, then See MILSTAMP Vol. 1, Chapter 2, paragraph B.1.b(7)(d).

Table 3.3.3.1.3-2. Pallet Header TAB Record Sample Data

Field Name	**Pos**	**Sample Data**	**Database Table Mapping**
Document Identification Code	1-3	TAB	
Pallet ID	4-5	GB	amnfst_pal.pal_id or smnfst_pal.pal_id
Oldest SET Date	6-8	A61	ptu_fx.ptu_fx_oldst_set
Grid Location	9-12		ptu_proc.ptu_proc_grid_loc
Filler	13-14		
Lift Date	15-17	C72	amnfst_evt.amnfst_evt_dt or smnfst_evt.smnfst_evt_dt
Filler	18-19		
Air Dimension Code	20	A	ptu_fx.air_dim_cd
Air Terminal Identifier Code (APOE)	21-23	DOV	ptu_fx.ptu_fx_apoe
Air Terminal Identifier Code (APOD)	24-26	CHS	ptu_fx.ptu_fx_apod
Transportation Mode/Method Codes	27	A	amnfst_evt.shpmt_mthd_cd or smnfst_evt.shpmt.mthd_cd
Manifest Reference Code	28-29	FZ	amnfst.amnfst_ref_cd or smnfst.smnfst_ref_cd
Buildup Activity	30-35	N09346	ptu_fx.ptu_fx_ld_actvty
Pallet Build Date	36-39	0071	ptu_fx.pal_dt
Module Type	40	J	ptu_fx.ptu_fx_modu_ty_cd
Load Id	41-43	A22	ptu_fx.ptu_fx_ser_num
Configuration Code	44-45	PC	ptu_fx.pal_cnfg_cd
Cargo Type	46	S	ptu_fx.cgo_ty_cd
Consignee DODAAC	47-52	FB4484	ptu_fx.ptu_fx_ultmt_cnsgne
Priority	53	2	ptu_fx.tran_prty_cd
Special Priority	54	7	ptu_fx.spcl_prty_cd
Module Height	55-57	84	ptu_fx.ptu_fx_pal_ht
Center of Balance	58-60	44	ptu_fx.ptu_fx_ctr_of_bal
Tiedown	61	D	
Equivalent Pallet Positions	62-63	10	ptu_fx.ptu_fx_eqv_pal_ps
Overhang Direction	64	A	Determines ptu_fx.ptu_fx_ovhg_a, ptu_fx.ptu_fx_ovhg_f
Personal Property Code	65		ptu_fx.pal_pp_ty_cd
Protected Cargo Code	66		ptu_fx.pal_profile_cd
Pallet ID Last	67		
Pieces	68-71	22	ptu_fx.ptu_fx_pce_qy
Weight	72-76	4500	ptu_fx.ptu_fx_net_wt
Cube	77-80	240	ptu_fx.ptu_fx_vl

.4. Prime Data Record for Single Shipment Units/Palletized Shipment Units T_A/T_D Record Format

Table 3.3.3.1.4-1 provides the format of the T_A/T_D record. Sample data and database mappings are provided in Table 3.3.3.1.4-2.

Table 3.3.3.1.4-1. T_A/T_D Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
Document Identification Code	1-3	3	X	M		T_A and T_D. A three position code. The first position is always 'T'. The second position entry (indicating the type of shipment) is the same on both a TCMD and a manifest. For consolidated shipments, the second position indicates the hazardous potential of the shipment, if any; otherwise, the code represents the predominant contents by cube for air. The third position (indicating the type of information on the record) varies between the different types of transactions i.e., TCMDs, air manifests. See MILSTAMP Vol. 1, Appendix F8, paragraph 2.
Pallet ID	4-5	2	XB	M		Positions 4 and 5 of the Pallet ID. May be blank for loose cargo.
Hour / Date Received	6-8	3	X	M	A-Z, except I, O & 00-99	Three character hour/day where record position 6 is the letter indicating the GMT hour (Zulu time). Record positions 7-8 are the last two digits of the applicable (Julian) day of the year. See MILSTAMP Vol. 1, Appendix F7.
Consignor DODAAC	9-14	6	X	M		Enter DODAAC for the consignor.
Lift Date	15-17	3	X	M	A-Z (except I, O), 00-99	Lift date from APOE. Three character hour/day where record position 15 is the letter indicating the GMT hour (Zulu) time). Record positions 16-17 are the last two digits of the applicable (Julian) day of the year. See MILSTAMP Vol. 1, Appendix F7.
Air Commodity/Special Handling Code	18-19	2	X	M		Enter the applicable air commodity and special handling code from MILSTAMP Vol. 1, Appendix F2 in positions 18-19.
Air Dimension Code	20	1	A	M	A, C, D, Z	Enter a code from MILSTAMP Vol. 1, Appendix F3.
Air Terminal Identifier Code (APOE)	21-23	3	X	M		Enter the appropriate aerial port identifier code from MILSTAMP Vol. 1, Appendix F4.
Air Terminal Identifier Code (APOD)	24-26	3	X	M		Enter the appropriate aerial port identifier code from MILSTAMP Vol. 1, Appendix F4.
Transportation Mode/Method Codes	27	1	X	M	A-Z, 2-9	Enter the mode/method code from MILSTAMP Vol. 1, Appendix F13.
Manifest Reference Code	28-29	2	AB	M		Enter the manifest reference code from MILSTAMP Vol. 1, Appendix F1.
Transportation Control Number (TCN)	30-46	17	X	M		Enter the shipment unit TCN.
Consignee DODAAC	47-52	6	X	M		Enter DODAAC of the consignee. The in-the-clear address may be added on the DD for 1384. For personal property, identify the military activity responsible for receiving/processing the shipment at destination.
Transportation Priority Code	53	1	XS	M	1-4	Enter the transportation priority.

Table 3.3.3.1.4-1. T_A/T_D Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
RDD (Required Delivery Date)	54-56	3	XSB	C	001 – 366, 444, 555, 777, 999, blanks	Enter the RDD or expedited handling or transportation signal, if any. Leave blank if not applicable. Expedited Transportation: -If Pos 53=1, then Pos 54-56 = 999 or day-of-the-year entry. -If Pos 53=2, then Pos 54-56 = 777, 555, 444 or day-of-the-year entry. Routine Transportation: -If Pos 53=3, then Pos 54-56 = blank or day-of-the-year entry. Deferred Transportation: -If Pos 53 = 4, then Pos 54-56 = blank or day-of-the-year entry. See MILSTAMP Vol. 1, Chapter 2, paragraph B.1.b.
Project Code	57-59	3	BX	C		Enter the project code. Leave blank if not applicable. See MILSTAMP Vol. 1, Chapter 2, paragraph B.1.b(4).
Processed Date	60-62	3	XB	O	A-Z, except I, O & 00-99	Three character hour/day where record position 60 is the letter indicating the GMT hour (Zulu time). Record positions 61-62 are the last two digits of the applicable (Julian) day of the year. See MILSTAMP Vol. 1, Appendix F7. May be blank.
Pallet ID Last	63	1	AB	M		Always blank.
TAC	64-67	4	X	M		Enter the shipment unit Transportation Account Code from prime ATCMD.
Total Pieces In Shipment Unit	68-71	4	X	M		Enter the total number of pieces for shipment unit. If less than four digits, left zero fill. -If number of pieces exceeds 9,999, then: See MILSTAMP Vol. 1, Chapter 2, paragraph B.1.b(7)(d). When shipping a Government vehicle, trailer, wheeled gun, or aircraft with BII, see MILSTAMP Vol. 1, Figure D-8, footnote.
Total Weight of Shipment Unit	72-76	5	X	M		Enter the total weight for shipment unit. If less than five digits, left zero fill -If weight exceeds 99,999 pounds, then: See MILSTAMP Vol. 1, Chapter 2, paragraph B.1.b(7)(d).
Total Cube of Shipment Unit	77-80	4	X	M		Enter the total cube for shipment unit. If less than four digits, left zero fill -If cube exceeds 9,999, then: See MILSTAMP Vol. 1. Chapter 2, paragraph B.1.b(7)(d).

Table 3.3.3.1.4-2. T_A/T_D Record Sample Data

Field Name	**Pos**	**Sample Data**	**Database Table Mapping**
Document Identification Code	1-3	TXA	
Pallet ID	4-5	99	su_proc.bay_loc or amnfst_pal.pal_id
Hour / Date Received	6-8	A61	su_evt.su_evt_dt.
Consignor DODAAC	9-14	N00620	su_fx.su_fx_cnsgne
Lift Date	15-17	B23	Amnfst_evt.smnfst_evt_dt smnfst_evt.smnfst_evt_dt
Air Commodity/Special Handling Code	18-19	AZ	su_fx.air_cmdty_cd and su_fx.air_specl_hndlg_cd
Air Dimension Code	20	A	su_fx.air_dim_cd
Air Terminal Identifier Code (APOE)	21-23	EDF	su_fx.apoe_apc
Air Terminal Identifier Code (APOD)	24-26	DNA	su_fx.apod_apc

Table 3.3.3.1.4-2. T_A/T_D Record Sample Data

Field Name	Pos	Sample Data	Database Table Mapping
Transportation Mode/Method Code	27	F	amnfst_evt.shpmt_mthd_cd or smnfst_evt.shpmt_mthd_cd
Manifest Reference Code	28-29	BG	amnfst.amnfst_ref_cd or smnfst.smnfst_ref_cd
Transportation Control Number (TCN)	30-46	R556277030G672XXX	amnfst_lego.su_id or su_ptu.su_id
Consignee DODAAC	47-52	R09912	su_fx.su_fx_cnsgne
Transportation Priority Codes	53	1	su_fx.tran_prty_cd
RDD (Required Delivery Date)	54-56	999	su_fx.su_fx_rdd
Project Code	57-59	960	su_fx.su_fx_prj_cd
Processed Date	60-62	Y30	su_evt.su_evt_dt.
Pallet ID Last	63		amnfst_pal.pal_id
TAC	64-67	N236	su_fx.tran_acct_cd
Total Pieces In Shipment Unit	68-71	0001	su_fx.su_fx_pce_qy
Total Weight of Shipment Unit	72-76	00012	su_fx.su_fx_wt
Total Cube of Shipment Unit	77-80	0002	su_fx.su_fx_vl

.5. T_E Record Format

Table 3.3.3.1.5-1 provides the format of the T_E Trailer Data for Outsized Dimensions record. Sample data and a mapping to the database are provided in Tables 3.3.3.1.5-2 and 3.3.3.3.5-3.

Table 3.3.3.1.5-1. T_E Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
Document Identification Code	1-3	3	A	M		T_E 2nd character must match the T_A/T_D record.
Pallet ID	4-5	2	X	M		Positions 4 and 5 of the Pallet ID. Numeric Cargo Location for loose cargo.
Hour / Date Received	6-8	3	X	M	A-Z, except I, O & 00-99	Three character hour/day where record position 6 is the letter indicating the GMT hour (Zulu time). Record positions 7-8 are the last two digits of the applicable (Julian) day of the year. See MILSTAMP Vol. 1, Appendix F7.
Filler2	9-17	6	B	M		Always blanks when DIC not = TVE.
Air Commodity	18	1	X	M		See MILSTAMP Vol. 1 Appendix F-2.
Special Handling Code	19	1	X	M		See MILSTAMP Vol. 1 Appendix F-2.
When DIC = TVE use the following for Positions 9-19.						
Model Number or Nomenclature	9-14	6	XB	M		For Government vehicles, trailers, wheeled/tracked guns, and aircraft, enter the model or abbreviated nomenclature.
BII Constant	15-17	3	A	M	BII	Literal value.
BII Pieces	18-19	2	N	M	00-99	Number of pieces of Base Issue Items (BII) in the vehicle.
Air Dimension Code	20	1	A	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-3.
Air Terminal Identifier Code (APOE)	21-23	3	X	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-4
Air Terminal Identifier Code (APOD)	24-26	3	X	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-4
Transportation Mode/Method Codes	27	1	XB	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-13.
Manifest Reference Code	28-29	2	AB	M		Enter the manifest reference code from MILSTAMP Vol. 1, Appendix F1.
Transportation Control Number (TCN)	30-46	17	XS	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix C. "$" is the only special character allowed.

Table 3.3.3.1.5-1. T_E Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
Consignee DODAAC	47-52	6	X	M		Must match the T_A/T_D record.
Transportation Priority Code	53	1	N	M	1-4	Must match the T_A/T_D record.
Length	54-58	5	N	M	00001-99999	Enter the length of the item, in inches. If less than five digits, left zero fill.
Length Indicator	59	1	A	M	L	Always "L"
Width	60-62	3	N	M	001-999	Enter the width of the item in inches. If less than three digits, left zero fill.
Width Indicator	63	1	A	M	W	Always "W".
Height	64-66	3	N	M	001-999	Enter the height of the item in inches; zero fill to the left.
Height Indicator	67	1	A	M	H	Always "H".
Number of Pieces	68-71	4	X	M	0001-9999	Enter the number of pieces to which the dimensions apply. If less than four digits, zero fill to the left. If greater than 9999, see MILSTAMP Vol. 1, Chapter 2 para B.1.b. (7)(d).
Weight	72-76	5	X	M	00001-99999	Enter the weight of one piece. If less than five digits, zero fill to the left. If greater than 99,999, see MILSTAMP Vol. 1 Chapter 2 para B.1.b. (7)(d).
Cube	77-80	4	X	M	0001-9999	Enter the cube of one piece. If less than four digits, zero fill to the left. If greater than 9999, see MILSTAMP Vol. 1, Chapter 2 para B.1.b. (7)(d).
When DIC = TVE use the following for Positions 68-80.						
Wheeled ID Number	68-80	13	XB	M		For single vehicle shipments units, enter the serial number. For multiple vehicle shipments, leave blank.

Table 3.3.3.1.5-2. TXE Record Sample Data

Field Name	Pos	Sample Data	Database Mapping
Document Identification Code	1-3	TXE	
Pallet ID	4-5	99	su_proc.bay_loc or amnfst_pal.pal_id
Hour / Date Received	6-8	A34	su_evt.su_evt_dt
Filler2	9-17		
Air Commodity	18	A	su_fx.air_cmdty_cd
Special Handling Code	19	F	su_fx.air_specl_hndlg_cd
Air Dimension Code	20	Z	su_fx.air_dim_cd
Air Terminal Identifier Code (APOE)	21-23	NBW	su_fx.apoe_apc
Air Terminal Identifier Code (APOD)	24-26	NGU	su_fx.apod_apc
Mode Code	27	Q	amnfst_evt.shpmt_mthd_cd or smnfst_evt.shpmt_mthd_cd
Manifest Reference Code	28-29	AG	amnfst.amnfst_ref_cd or amnfst.smnfst_ref_cd
Transportation Control Number (TCN)	30-46	V6645070161649XXX	amnfst_lcgo.su_id or su_ptu.su_id
Consignee DODAAC	47-52	R09912	su_fx.su_fx_cnsgne
Transportation Priority Code	53	1	su_fx.tran_prty_cd
Length	54-58	00144	su_out.su_out_len
Length Indicator	59	L	
Width	60-62	024	su_out.su_out_wdt
Width Indicator	63	W	
Height	64-66	006	su_out.su_out_hgt
Height Indicator	67	H	
Number of Pieces	68-71	0001	su_out.su_out_num_pce
Weight	72-76	00045	su_out.su_out_1pce_wt
Cube	77-80	0012	su_out.su_out_1pce_cube

Table 3.3.3.1.5-3. TVE Record Sample Data

Field Name	Pos	Sample Data	Database Mapping
Document Identification Code	1-3	TVE	
Pallet ID	4-5	99	su_proc.bay_loc or amnfst_pal.pal_id
Hour / Date Received	6-8	A34	su_evt.su_evt_dt
Model Number or Nomenclature	9-14	TRUCK	su_out.su_out_mdl_nmcltr
BII Constant	15-17	BII	
BII Pieces	18-19	12	su_out.su_out_bii_num
Air Dimension Code	20	Z	su_fx.air_dim_cd
Air Terminal Identifier Code (APOE)	21-23	NGU	su_fx.apoe_apc
Air Terminal Identifier Code (APOD)	24-26	NBW	su_fx.apod_apc
Mode Code	27	Q	amnfst_evt.shpmt_mthd_cd or smnfst_evt.shpmt_mthd_cd
Manifest Reference Code	28-29	CT	amnfst.amnfst_ref_cd or smnfst.smnfst_ref_cd
Transportation Control Number (TCN)	30-46	K7645070161648XXX	amnfst_lcgo.su_id or su_ptu.su_id
Consignee DODAAC	47-52	R09912	su_fx.su_fx_cnsgne
Transportation Priority Code	53	1	su_fx.tran_prty_cd
Length	54-58	00144	su_out.su_out_len
Length Indicator	59	L	
Width	60-62	096	su_out.su_out_wdt
Width Indicator	63	W	
Height	64-66	120	su_out.su_out_hgt
Height Indicator	67	H	
Wheeled ID Number	68-80	WV001TRCK8877	su_out.su_out_veh_ser_num

.6. T_F Record Format

Table 3.3.3.1.6-1 provides the format of the T_F Trailer Data for Ammunition Round Count, Hazardous Material, Stock Number, and IMCO Classification record. Sample data and mappings to the database are provided in Tables 3.3.3.1.6-2 and 3.3.3.1.6-3.

Table 3.3.3.1.6-1. T_F Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
Document Identification Code	1-3	3	A	M		T_F 2nd character must match the T_A/T_D record.
Pallet ID	4-5	2	X	M		Position 4 and 5 of the Pallet ID. Numeric Cargo Location for loose cargo.
Hour / Date Received	6-8	3	X	M	A-Z, except I, O & 00-99	Three character hour/day where record position 6 is the letter indicating the GMT hour (Zulu time). Record positions 7-8 are the last two digits of the applicable (Julian) day of the year. See MILSTAMP Vol. 1, Appendix F7.
Round Count	9-14	6	XB	C		For hazardous materials other than ammunition, leave blank. For ammunition shipments, enter the total round count in the shipment unit. If the quantity exceeds 999,999, enter the number in thousands followed by the letter M. If the quantity exceeds 999,999 and is not shipped in units of 1,000, enter the number in units of thousands followed by an M and indicate the total round count in Pos 54-79 of an accompanying TEI entry. In all cases left zero-fill the field. See MILSTAMP Vol. 1, Appendix D.

Table 3.3.3.1.6-1. T_F Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
Lift Date	15-17	3	X	M	A-Z (except I, O), 00-99	Must match the T_A/T_D record. Lift date from APOE. Three character hour/day where record position 15 is the letter indicating the GMT hour (Zulu) time). Record positions 16-17 are the last two digits of the applicable (Julian) day of the year. See MILSTAMP Vol. 1, Appendix F7.
Air Commodity	18	1	X	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-2.
Special Handling Code	19	1	X	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-2.
Air Dimension Code	20	1	A	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-3.
Air Terminal Identifier Code (APOE)	21-23	3	X	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-4
Air Terminal Identifier Code (APOD)	24-26	3	X	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-4
Mode Code	27	1	XB	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-13 or blank if not available.
Manifest Reference Code	28-29	2	AB	M		Must match the T_A/T_D record. Enter the manifest reference code from MILSTAMP Vol. 1, Appendix F1.
Transportation Control Number (TCN)	30-46	17	XS	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix C. "$" is the only special character allowed.
Consignee DODAAC	47-52	6	X	M		Must match the T_A/T_D record. DODAAC of the destination organization.
Transportation Priority Code	53	1	N	M	1-4	Must match the T_A/T_D record. Transportation Priority Code where 1 = Eligible for premium surface transport. 2 = Eligible for premium surface transport. 3 = Eligible for routine transportation. 4 = Deferred airfreight. See MILSTAMP Vol. F23-3 for relationship to RDD Code.
National Stock Number	54-66	13	XB	M		Enter the NSN. If the NSN is not known, enter NNSN (No National Stock Number) in Pos 60-63 and leave the balance of the field blank. When multiple line items are consolidated and the consolidation container is not comprised of 51 percent or more by weight of a single NSN, a T_F record will not be generated. T_F records are not required for personal effects. See MILSTAMP Vol. 1, Appendix D.
Nomenclature	67-80	14	XSB	O		Text name of the NSN above. May be blank.
Use the following for hazardous shipments.						
DODIC	67-70	4	XB	M		For ammunition and explosives, enter the DODIC. See MILSTAMP Vol. 1 Chapter 2, para B.1.b (15)(a) 5. For other hazardous materials, enter "IMO".
United Nations Classification	71-72	2	NB	M		Enter the two-digit UN class and division number, including the decimal fraction from IMDGC, 49 CFR. Blank if not available.
Filler3	73	1	B	M		Always blank.
United Nations North America	74-75	2	A	M	"UN" , "ID", "NA"	Enter UN, NA or ID.
United Nations Number Compatibility Group	76-79	4	N	M	0000-9999	Enter the four digit Identification number from the IMDGC, 49 CFR 172.102/2, or other source publication.

Table 3.3.3.1.6-1. T_F Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
Compatibility Group Code	80	1	XB	C		The Compatibility Group Code must be populated for TEF and TJF records, but may be blank for other record types. Enter the Compatibility Group Code from IMDGC or 49 CFR 172.102 (i.e., the letter following the IMDGC class and division number).

Table 3.3.3.1.6-2. TEF/TJF Record Sample Data

Field Name	Pos	Sample Data	Database Mapping
Document Identification Code	1-3	TEF	
Pallet ID	4-5	99	su_proc.bay_loc or amnfst_pal.pal_id
Hour / Date Received	6-8	A34	su_evt.su_evt_dt
Round Count	9-14	001000	su_haz.su_haz_rnd_ct
Filler2	15-17		
Air Commodity	18	4	su_fx.air_cmdty_cd
Special Handling Code	19	C	su_fx.air_specl_hdlg_cd
Air Dimension Code	20	Z	su_fx.air_dim_cd
Air Terminal Identifier Code (APOE)	21-23	SUU	su_fx.apoe_apc
Air Terminal Identifier Code (APOD)	24-26	HIK	su_fx.apod_apc
Mode Code	27	I	amnfst_evt.shpmt_mthd_cd or smnfst_evt.shpmt_mthd_cd
Manifest Reference Code	28-29	CO	amnfst.amnfst_ref_cd or smnfst.smnfst_ref_cd
Transportation Control Number (TCN)	30-46	N0003263395386XXX	amnfst_lcgo.su_id or su_ptu.su_id
Consignee DODAAC	47-52	N68297	su_fx.su_fx_cnsgne
Transportation Priority Code	53	2	su_fx.tran_prty_cd
National Stock Number	54-66	1410013445356	su_haz.su_haz_nsn
DODIC	67-70	A1B1	su_haz.su_haz_dodic
United Nations Classification	71-72	10	su_haz.su_haz_class_div
Filler3	73		Literal
United Nations North America	74-75	UN	su_haz.su_haz_un_nato_ind
United Nations Number Compatibility Group	76-79	4321	su_haz.un_nato_id
Compatibility Group Code	80	A	su_haz.haz_cmptbl_grp_cd

Table 3.3.3.1.6-3. T_F Record Sample Data

Field Name	Pos	Sample Data	Database Mapping
Document Identification Code	1-3	TAF	Literal
Pallet ID	4-5	99	su_proc.bay_loc or Last two of amnfst_pal.pal_id
Hour / Date Received	6-8	A34	su_evt.su_evt_dt
Round Count	9-14	010000	su_haz.su_haz_rnd_ct
Filler2	15-17		
Air Commodity	18	4	su_fx.air_cmdty_cd
Special Handling Code	19	C	su_fx.air_specl_hdlg_cd
Air Dimension Code	20	Z	su_fx.air_dim_cd
Air Terminal Identifier Code (APOE)	21-23	SUU	su_fx.apoe_apc
Air Terminal Identifier Code (APOD)	24-26	HIK	su_fx.apod_apc
Mode Code	27	I	amnfst_evt.shpmt_mthd_cd or smnfst_evt.shpmt_mthd_cd
Manifest Reference Code/Type Pack Code	28-29	CO	amnfst.amnfst_ref_cd or smnfst.smnfst_ref_cd

Table 3.3.3.1.6-3. T_F Record Sample Data

Field Name	Pos	Sample Data	Database Mapping
Transportation Control Number (TCN)	30-46	N0003263395386XXX	amnfst_lcgo.su_id or su_ptu.su_id
Consignee DODAAC	47-52	N68297	su_fx.su_fx_cnsgne
Transportation Priority Code	53	2	su_fx.tran_prty_cd
National Stock Number	54-66	1410013445354	su_haz.su_haz_nsn
Nomenclature	67-80	CHEMICALS	su_haz.su_haz_abr_nmcltr

.7. T_G Record Format

Table 3.3.3.1.7-1 provides the format of the T_G Trailer Data for Net Explosive Weight and Lot Number record. Sample data and a mapping to the database are provided in Table 3.3.3.1.7-2.

Table 3.3.3.1.7-1. T_G Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
Document Identification Code	1-3	3	A	M		T_G 2nd character must match the T_A/T_D record.
Pallet ID	4-5	2	X	M		Positions4 and 5 of the Pallet ID. Numeric Cargo Location for loose cargo.
Hour / Date Received	6-8	3	X	M	A-Z, except I, O & 00-99	Three character hour/day where record position 6 is the letter indicating the GMT hour (Zulu time). Record positions 7-8 are the last two digits of the applicable (Julian) day of the year. See MILSTAMP Vol. 1, Appendix F7.
Net Explosive Weight	9-14	6	N	M	000001-999999	Enter the Net Explosive Weight (NEW) for Class A, B, and C explosives. If the shipment unit contains more than one lot use T_I records for additional Lots.
Filler2	15-17	9	B	M		Must match the T_A/T_D record.
Air Commodity	18	1	X	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-2.
Special Handling Code	19	1	X	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-2.
Air Dimension Code	20	1	A	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-3.
Air Terminal Identifier Code (APOE)	21-23	3	X	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-4
Air Terminal Identifier Code (APOD)	24-26	3	X	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-4
Mode Code	27	1	XB	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-13 or blank if not available.
Manifest Reference Code	28-29	2	AB	M		Must match the T_A/T_D record. Enter the manifest reference code from MILSTAMP Vol. 1, Appendix F1.
Transportation Control Number (TCN)	30-46	17	XS	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix C. "$" is the only special character allowed.
Consignee DODAAC	47-52	6	X	M		Must match the T_A/T_D record. DODAAC of the destination organization.

Table 3.3.3.1.7-1. T_G Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
Transportation Priority Code	53	1	N	M	1-4	Must match the T_A/T_D record. Transportation Priority Code where 1 = Eligible for premium surface transport. 2 = Eligible for premium surface transport. 3 = Eligible for routine transportation. 4 = Deferred airfreight. See MILSTAMP Vol. F23-3 for relationship to RDD Code.
Lot Number	54-67	14	XS	M		If the shipment unit contains more than one lot, a separate T_I data is required for each lot.
Number of Pieces for Lot	68-71	4	X	M		Enter the number of pieces for this lot number. If greater than 9999, see MILSTAMP Vol. 1 Chapter 2, para B.1.b (7)(b).
Weight for Lot	72-76	5	X	M		Enter the weight for this lot number. If greater than 99999, see MILSTAMP Vol. 1, Chapter 2 para B.1.b (7)(d).
Cube for Lot	77-80	4	X	M		Enter the cube for this lot number. If greater than 9999, see MILSTAMP Vol. 1, Chapter 2, para B.1.b. (7)(d).

Table 3.3.3.1.7-2. T_G Record Sample Data

Field Name	Pos	Sample Data	Database Mapping
Document Identification Code	1-3	TEG	Literal
Pallet ID	4-5	99	su_proc.bay_loc or Last two of amnfst_pal.pal_id
Hour / Date Received	6-8	A34	su_evt.su_evt_dt for REC event at manifesting station.
Net Explosive Weight	9-14	001450	su_xplo.su_xplo_net_explo_wt
Filler2	15-17		Literal
Air Commodity	18	A	su_fx.air_cmdty_cd
Special Handling Code	19	C	su_fx.air_specl_hdlg_cd
Air Dimension Code	20	Z	su_fx.air_dim_cd
Air Terminal Identifier Code (APOE)	21-23	SUU	su_fx.apoe_apc
Air Terminal Identifier Code (APOD)	24-26	HIK	su_fx.apod_apc
Mode Code	27	I	amnfst_evt.shpmt_mthd_cd or smnfst_evt.shpmt_mthd_cd
Manifest Reference Code	28-29	CO	amnfst.amnfst_ref_cd or smnfst.smnfst_ref_cd
Transportation Control Number (TCN)	30-46	N0003263395386XXX	amnfst_lcgo.su_id or su_ptu.su_id
Consignee DODAAC	47-52	N68297	su_fx.su_fx_cnsgne
Transportation Priority Code	53	2	su_fx.tran_prty_cd
Lot Number	54-67	0043282/4584	su_xplo.su_xplo_lot_num
Number of Pieces for Lot	68-71	0002	su_fx.su_fx_pce_qy
Weight for Lot	72-76	07114	su_fx.su_fx_wt
Cube for Lot	77-80	0010	su_fx.su_fx_vl

.8. T_I Record Format

Table 3.3.3.1.9-1 provides the format of the T_I Trailer Data for General Miscellaneous Information not Otherwise Detailed record. Sample data and a mapping to the database are provided in Table 3.3.3.1.9-2.

Table 3.3.3.1.9-1. T_I Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
Document Identification Code	1-3	3	A	M		T_I 2nd character must match the T_A/T_D record.
Pallet ID	4-5	2	X	M		Positions 4 and 5 of the Pallet ID. Numeric Cargo Location for loose cargo.
Hour / Date Received	6-8	3	X	M	A-Z, except I, O & 00-99	Three character hour/day where record position 6 is the letter indicating the GMT hour (Zulu time). Record positions 7-8 are the last two digits of the applicable (Julian) day of the year. See MILSTAMP Vol. 1, Appendix F7.
Consignor	9-14	6	X	M		Consignor DODAAC
Filler	15-17	3	X	M		Must match the T_A/T_D record.
Air Commodity	18	1	X	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-2.
Special Handling Code	19	1	X	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-2.
Air Dimension Code	20	1	A	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-3.
Air Terminal Identifier Code (APOE)	21-23	3	X	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-4
Air Terminal Identifier Code (APOD)	24-26	3	X	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-4
Mode Code	27	1	XB	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix F-13 or blank if not available.
Manifest Reference Code/Type Pack Code	28-29	2	AB	M		Must match the T_A/T_D record. Enter the manifest reference code from MILSTAMP Vol. 1, Appendix F1 for Air manifests. Enter the Type Pack Code for Surface manifests.
Transportation Control Number (TCN)	30-46	17	XS	M		Must match the T_A/T_D record. See MILSTAMP Vol. 1 Appendix C. "$" is the only special character allowed.
Consignee DODAAC	47-52	6	X	M		Must match the T_A/T_D record. DODAAC of the destination organization.
Transportation Priority Code	53	1	N	M	1-4	Must match the T_A/T_D record. Transportation Priority Code where 1 = Eligible for premium air transport. 2 = Eligible for premium surface transport. 3 = Eligible for routine transportation. 4 = Deferred airfreight. See MILSTAMP Vol. F23-3 for relationship to RDD Code.
Clear Text Data	54-79	26	XSB	M		Use up to nine T_I entries as necessary. Enter the clear text data necessary for shipment, but not detailed in other data entries. See MILSTAMP Vol. 1, Appendix D.
Sequence Number	80	1	N	M	1-9	Enter a sequence number for each T_I entry beginning with the number one.

Table 3.3.3.1.9-2. T_I Record Sample Data

Field Name	Pos	Sample Data	Database Mapping
Document Identification Code	1-3	TEI	
Pallet ID	4-5	99	su_proc.bay_loc or amnfst_pal.pal_id
Hour / Date Received	6-8	12345	su_evt.su_evt_dt
Consignor	9-14	FB4480	su_fx.su_fx_cnsgnr
Filler	15-17		
Air Commodity	18	4	su_fx.air_cmdty_cd
Special Handling Code	19	C	su_fx.air_specl_hdlg_cd
Air Dimension Code	20	Z	su_fx.air_dim_cd

Table 3.3.3.1.9-2. T_I Record Sample Data

Field Name	Pos	Sample Data	Database Mapping
Air Terminal Identifier Code (APOE)	21-23	SUU	su_fx.apoe_apc
Air Terminal Identifier Code (APOD)	24-26	HIK	su_fx.apod_apc
Mode Code	27	I	amnfst_evt.shpmt_mthd_cd or smnfst_evt.shpmt_mthd_cd
Type Packing Code	28-29	CO	amnfst.amnfst_ref_cd or smnfst.smnfst_ref_cd
Transportation Control Number (TCN)	30-46	N0003263395386XXX	amnfst_lcgo.su_id or su_ptu.su_id
Consignee DODAAC	47-52	N68297	su_fx.su_fx_cnsgne
Transportation Priority Code	53	2	su_fx.tran_prty_cd
Clear Text Data	54-79	ROCKETS LIQUID FUEL	su_misc.su_misc_sup_info broken into 26-character blocks and placed in sequential rows ordered by the Sequence Number.
Sequence Number	80	1	Derived as necessary for Clear Text Data.

.9. Manifest Message Business Rules/Constraints

- Only one Prime record is allowed for each unique TCN.
- Trailer records must follow the Prime record to which they apply.
- Only one trailer record of each type is allowed for each Prime record, except T_Gs and T_Is. Up to nine T_I records are allowed per Prime record. One T_G record is allowed for each unique lot number.

.2. Passenger List Message

The Passenger List Message will consist of one or more Passenger Name Records. The fields within each Passenger Name Record are tab delimited.

.1. Passenger Name Record Format

Table 3.3.3.2.1-1 provides the format of the Passenger Name record. Sample data and database mappings are provided in Table 3.3.3.2.1-2.

Table 3.3.3.2.1-1. Passenger Name Record Format

Field Name	Pos	Len	Chks	Cat	L / R	Comments/Explanation/Algorithm
PAX Name		27	ABS	M		Last Name, First Initial, Middle Initial separated by a space.
Person ID		9	XB	M		Passenger's Social Security Number (SSN) or passport number.
Rank		3	X	M		Rank abbreviation. See AMC Manual 24-102, Volume 1
ULN		7	XB	M		Identifies the passenger as part of a group.
MOS/AFSC		11	XB	M		Person's duty/job code.
Service Code		1	A	M		A = Army; F = Air Force; N = Navy, M = Marine Corps

Table 3.3.3.2.1-2. Passenger Name Record Sample Data

Field Name	Pos	Sample Data	Database Table Mapping
PAX Name		ANDERSON M T	Pers.nm_lst_tx and Pers.nm_frst_tx and Pers.nm_midl_tx
Person ID		323450062	Pers.pers_id
Rank		SSG	Pers.rnk_cd
ULN		AIRULN5	Pmr.uln
MOS/AFSC		35E	Per.skl_id
Service Code		A	Pers.svc_brnch_cd

```
ANDERSON M T   323450062  SSG AIRULN5 35E     A
```

Figure 3.3.3.2.1-1. Passenger Name Record Sample Record

.4. GATES-TC-AIMS II File Descriptions – Outgoing

No files will be sent from GATES to TC-AIMS II.

.5. GATES-TC-AIMS II Interface Communications (EU*-EID-024-016)

This is a manual interface at this time. No automated communications will be used.

.6. Frequency and Estimated Volume

This interface will be used on an "as needed" basis.

.7. Interface Priority

GATES has two types of priorities, Mission Critical, and Administrative, of which Mission Critical is the highest priority. The TC-AIMS II data exchange with GATES is a Mission Critical priority due to its criticality for performing the mission at the aerial port level.

.8. Security

The GATES-TC-AIMS II interface is Sensitive But Unclassified.

4. QUALIFICATION PROVISIONS

Table 4-1 lists the TC-AIMS II interface requirements, the IDD project unique identifier (PUI), and the qualification method that will be used during testing to ensure the requirements have been met.

The qualification method will be Demonstration (D). The operation of this interface will be demonstrated by its observable operation and will not require the use of instrumentation, special test equipment, or subsequent analysis. The details of the qualification are specified in the GATES STP and in the test cases contained within the ClearQuest Repository that will be under Configuration Management control upon delivery.

Table 4-1. Qualification Method

IDD PUI	Requirement	Qualification Method
EU*-EID-029-01	Parse_Manifest_Message	D
EU*-EID-029-02-1	Parse_Passenger_List Message	D

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5. INTERFACE REQUIREMENTS TRACEABILITY

Traceability of the GATES interface requirements to the interface design and traceability of the interface design components to the GATES interface requirements are captured in the GATES requirements management tool, RequisitePro. The RequisitePro database is currently maintained on the contractor's network. For access to this information, contact the GATES Program Management Office (PMO).

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6. NOTES

.1. Acronyms and Abbreviations

Below is a list of acronyms and abbreviations.

AACA	Army Airlift Clearance Authority
AALPS	Automated Air Load Planning System
ACA	Airlift Clearance Authority
AFB	Air Force Base
AFR	Air Force Regulation
ALOC	Air Lines of Communication
AMC	Air Mobility Command
ANSI	American National Standards Institute
APC	Aerial Port Code
APIS	Advanced Passenger Information System
APOD	Aerial Port of Debarkation
APOE	Aerial Port of Embarkation
ASCII	American Standard Code for Information Interchange
ASIF	Airlift Services Industrial Fund
ASIFICS	Airlift Services Industrial Fund Integrated Computer System
ATCMD	Advanced Transportation Control and Movement Document
ATOC	Air Terminal Operations Center
C2	Command and Control
C2IDD	Command and Control Interface Design Document

C2IPS	Command and Control Information Processing System
CBL	Commercial Bill of Lading
CCF	Consolidated Computer Facility
CDCP	Central Data Collection Point
CDRL	Contract Data Requirements List
CMOS	Cargo Movement Operations System
CONUS	Continental United States
COTS	Commercial Off-the-Shelf
CRQS	Channel Requirements Quota System
CSC	Computer Sciences Corporation
CSCI	Computer Software Configuration Item
CSS	Computer Systems Squadron
CTO	Commercial Transportation Office
D	Demonstration
DAAS	Defense Automated Addressing System
DBDD	Database Design Description
DCA	Defense Communications Agency (now called Defense Information Systems Agency)
DeCA	Defense Commissary Agency
DECnet	Digital Equipment Corporation Network
DIC	Document Identification Code
DISA	Defense Information Systems Agency
DLA	Defense Logistics Agency
DNS	Domain Name Service

DoD	Department of Defense
DODAAC	Department of Defense Activity Address Code
DODIC	Department of Defense Identification Code
DOD-STD-2167A	Department of Defense Standard 2167A
DPS	Data Processing System
DTR	Defense Transportation Regulation
DTS	Defense Transportation System
EOF	End of File
ETADS	Enhanced Transportation Automated Data System
FACTS	Financial and Air Clearance Transportation System
FH	File Header
FIPS	Federal Information Processing Standards
FM	Functional Manager
FTP	File Transfer Protocol
GATES	Global Air Transportation Execution System
GBL	Government Bill of Lading
GDSS	Global Decision Support System
GMT	Greenwich Mean Time
GTN	Global Transportation Network
HQ	Headquarters

IATA	International Air Transportation Association
ID	Identifier
IDD	Interface Design Description
IEEE	Institute of Electrical and Electronic Engineers
IL	Illinois
IMCO	International Munitions Compatibility Office
IP	Internet Protocol
IRS	Interface Requirements Specification
ITO	Installation Transportation Office
ITRAM	International Traffic Management System
JAD	Joint Application Development
LAN	Local Area Network
LIF	Logistics Intelligence File
LOGAIR	Logistics Airlift
LOGMOD	Logistics Module
LOGSA	Logistics Support Activity
MAN	Metropolitan Area Network
MANPER-B	Manpower and Personnel System – Base Level
MIL	Military
MILSTAMP	Military Standard Transportation and Movement Procedures

MIL-STD	Military Standard
MIL-STD-498	Military Standard 498
MILSTEP	Military Supply and Transportation Evaluation Program
MOA	Memorandum of Agreement
MOS	Military Occupational Specialty
MTMC	Military Traffic Management Command
MTO	Military Transportation Office
NAOMIS	Navy Material Transportation Office Operations and Management Information System
NEW	Net Explosive Weight
NSN	National Stock Number
OCONUS	Outside of the Continental United States
OO	Object-Oriented
PC	Personal Computer
PMO	Program Management Office
PNR	Passenger Name Record
POD	Port of Debarkation
POE	Port of Embarkation
PRAMS	Passenger Reservation and Manifesting System
PRC	Passenger Reservation Center
PTO	Passenger Transportation Office
PUI	Project Unique Identifier

RCAPS	Remote Consolidated Aerial Port System
RDD	Required Delivery Date
SDD	Software Design Description
SDP	Software Development Plan
SH	Segment Header
SRS	Software Requirements Specification
SSA	Supply Support Activity
SSDD	System/Subsystem Design Description
SSS	System/Subsystem Specification
STD	Standard
STP	Software Test Plan
TAC	Transportation Account Code
TACC	Tanker Airlift Control Center
TCI	TRI-COR Industries
TCMD	Transportation Control Movement Document
TCN	Transportation Control Number
TCP	Transmission Control Protocol
TDS	Tabular Data Stream
TELNET	Telecommunications Network
TMDS	Table Management Distribution System
TMO	Traffic Management Office

ULN	Unit Line Number
URL	Uniform Resource Locator
US	United States
USAF	United States Air Force
USMTF	United States Message Text Format
USTRANSCOM	United States Transportation Command

.2. Glossary

This is a list of terms and corresponding definitions pertaining to GATES.

Aerial Port	An airfield designated for sustained air movement of personnel and materiel to serve as an authorized port for entrance or departure to or from the country where located.
Aerial Port of Debarkation (APOD)	An aerial port serving as an authorized port to process and clear aircraft and traffic for entrance to the country where located.
Aerial Port of Embarkation (APOE)	An aerial port serving as an authorized port to process and clear aircraft and traffic for departure from the country where located.
Air Cargo	Stores, equipment or vehicles, which do not form part of the aircraft, and are considered its payload.
Air Mobility Command (AMC)	AMC is the airlift component command of USTRANSCOM.
Air Movement	Air transport of units, personnel, supplies, and equipment including airdrops and air landings.
Air Terminal	A facility on an airfield that functions as an air transportation hub and accommodates the loading and unloading of aircraft and the intransit processing of traffic. The airfield may or may not be designated an aerial port.
Aircraft	This entity describes the characteristics of an individual aircraft. The aircraft is identified by its tail number.

American National Standards Institute (ANSI)	This organization is responsible for approving U.S. standards in many areas, including computers and communications. Standards approved by this organization are often called ANSI standards (e.g., ANSI C is the version of the C language approved by ANSI).
Carrier	Any individual, company, or corporation commercially engaged in transporting cargo or passengers.
Category A	Transportation of passengers or cargo in less than plane load lots on a carrier's regularly scheduled commercial flight. AMC pays the carrier through direct billing to AMC.
Category B	Transportation of passengers and/or cargo in full planeload lots on other than carrier's regularly scheduled commercial flights. Payment to carrier via contract with AMC.
Category M	Movement of passengers on military passenger or cargo/ passenger-configured aircraft. Flights normally operate between military airports. Passengers are booked by AMC passenger booking activities. Passengers use travel orders with a control number applied by the Traffic Management Offices (TMOs)/Installation Transportation Offices (ITOs)/Passenger Transportation Offices (PTOs), as travel authorization.
Computer Software Configuration Item (CSCI)	An aggregation of computer software that satisfies an end-use function and is designed for separate configuration management.
Data Element	A basic unit of information having a unique meaning and subcategories (data items) of distinct units or values. Examples of data elements are military personnel grade, sex, race, geographic locations, and military unit.

Demonstration	The operation of the system, or a part of the system, that relies on observable functional operation not requiring the use of instrumentation, special test equipment, or subsequent analysis.
File Transfer	The copying of a file from one computer to another over a computer network.
File Transfer Protocol (FTP)	A protocol which allows a user on one host to access, and transfer files to and from, another host over a network. Also, FTP is usually the name of the program the user invokes to execute the protocol.
Guaranteed Traffic	A transportation arrangement by which a primary carrier or carriers are selected to transport specified DoD traffic for a designated time period.
Institute of Electronics and Electrical Engineers (IEEE)	A standards-setting body that specifies data communications standards.
Interface Design Description (IDD)	The IDD specifies the detailed design for one or more interfaces between one or more Computer Software Configuration Items (CSCIs) and other configuration items or critical items. The IDD and its companion Interface Requirements Specification (IRS) serve to communicate and control interface design decisions to the Government. Upon completion of Physical Configuration Audit (PCA), the IDD becomes a part of the Product Baseline. The IDD is used by the contractor as the basis for software design of the interface(s) and is used by the Government to assess the design of the interfaces documented in the IRS.

Interface Requirements Specification (IRS)	The IRS specifies the requirements for one or more interfaces between one or more CSCIs and other configuration items or critical items. It also specifies the requirements for the interface(s) and enables the Government to assess whether the implementation of the interface(s) complies with those requirements. Upon Government approval and authentication, the IRS becomes the joint configuration control device for the interface(s) and becomes part of the Allocated Baseline. The IRS is used by the contractor(s) as the basis for development of the interface(s).
Interface	The functional and physical characteristics required to exist at a common boundary.
Internet	While an internet is a network, the term "internet" is usually used to refer to a collection of networks interconnected with routers.
Internet address	An IP address that uniquely identifies a node on an internet.
Internet Protocol (IP)	The network layer for the Transmission Control Protocol (TCP)/IP Protocol Suite. It is a connectionless, best-effort packet switching protocol.
IP address	The 32-bit address defined by the Internet Protocol. It is usually represented in dotted decimal notation.
Itinerary	This entity describes the sequential routing stops that are transited by a conveyance in transporting a movement requirement.
Julian Date	A three-digit number representing the accumulated day of the calendar year (DDD, JAN 1 = 001). Often augmented with the associated year (e.g., YDDD, YYDDD, or YYYYDDD).

Local Area Network (LAN)	A data network intended to serve an area of only a few square kilometers or less. Because the network is known to cover only a small area, optimization can be made in the network signal protocols that permit data rates up to 100Mb/s.
Manifest	A manifest is the documentation of the discrete shipment unit(s) of personnel and/or cargo traveling between the same on load and off load points aboard a specific conveyance.
Metropolitan Area Network (MAN)	A data network intended to serve an area approximating that of a large city. Such networks are being implemented by innovative techniques, such as running fiber cables through subway tunnels.
Military Transportation Office	This is general term for the following offices: ITOs, PTOs, CTOs, and TMOs.
Mission Number	A code assigned to a specific mission, using up to seven alphanumeric characters.
Mission Type	This entity describes the categories into which missions or voyages can be separated.
Network	A computer network is a data communications system, which interconnects computer systems at different sites.
Network Address	The network portion of an IP address. For a class A network, the network address is the first byte of the IP address. For a class B network, the network address is the first two bytes of the IP address. For a class C network, the network address is the first three bytes of the IP address. In each case, the remainder is the host address. In the Internet, assigned network addresses are globally unique.

On-hand	Items located at the aerial port.
Password	A protected word or string of characters that identifies or authenticates a user for access to a specific system, data set, file, record, and so forth.
Session	A communications connection between two nodes.
Subnet Address	The subnet portion of an IP address. In a subnetted network, the host portion of an IP address is split into a subnet portion and a host portion using an address (subnet) mask.
TCP/IP Protocol Suite	Transmission Control Protocol over Internet Protocol. This is common shorthand that refers to the suite of transport and application protocols that run over IP.
TELNET	TELNET is the Internet standard protocol for remote terminal connection service.
Voluntary Traffic	A voluntary submission of a tender, traffic that is not guaranteed.

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7. INTERFACE REQUIREMENTS TRACEABILITY

Traceability of the GATES interface requirements to the interface design and traceability of the interface design components to the GATES interface requirements are captured in the GATES requirements management tool, RequisitePro. The RequisitePro database is currently maintained on the contractor's network. For access to this information, contact the GATES Program Management Office (PMO).

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Click here to access **Appendix A** Documents

Click here to access **RESPONSE TO Government Comments on TC-AIMS II Interface**

Click here to access **signed copy of the GATES IDD**